

Gebrauchsanweisung

User manual

使用手冊

マニュアル



miniMAX

Contents

1. Scope of supply	22
2. Notes before operating the device	22
3. Start-up miniMAX	23
3.1 Inserting battery	23
3.2 Switch on/off	24
4. Control elements	25
4.1 Changing color mode.....	25
4.2 Yellow magnification button	25
4.3 Freeze frame.....	25
5. Application.....	26
5.1 Reading.....	26
5.2 Writing with folding stand.....	26
6. Standby function.....	27
7. Automatic switch-off	27
8. Low battery indicator	28
9. Recharging the battery.....	28

10. Power supply	29
11. Included adapter.....	29
12. Connecting the primary adapter to the power supply	29
13. Power supply operation.....	30
14. Changing battery	30
15. Notes for changing the battery	31
16. Non-liability in case of using wrong battery	31
17. Disposal of the battery	31
18. Protective circuit of the battery.....	32
19. Protective bag	32
20. Hand/ Neck strap	32
21. Notes for handling	33
22. Cleaning of the device.....	34
23. CE- and FCC- notes for electro-magnetic compatibility (EMV)	35
24. Technical data	36
25. Warranty Information (Valid within the European Union).....	37
26. International Warranty Information	37

1. Scope of supply

- Portable magnifier miniMAX
- User manual
- A power supply with four country-specific adapters
- USB connection cable, for recharging miniMAX on the computer
- Li-Ion-battery, Type NP120
- A microfibre tissue for cleaning the display
- Protective bag
- A hand strap
- A neck strap

2. Notes before operating the device

Read the manual carefully before switching on the device. Keep the manual in a safe spot for further references.

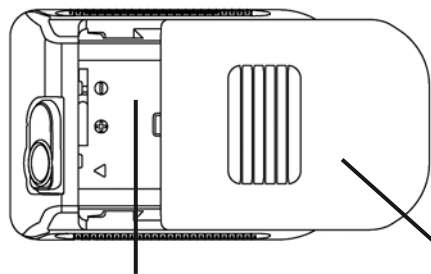
When using miniMAX for the first time you have to charge the battery for approx. 5 hours without disconnecting miniMAX from the electricity supply. Further information on charging the battery can be found on page 28.

!Please note!

Please read all paragraphs with this warning note particularly carefully.

3. Start-up miniMAX

3.1 Inserting battery



Open the battery cover on the back of the electronic magnifier and insert the battery with the marked side upwards. Make sure that the + and – contacts are correctly connected and close the cover of the miniMAX.

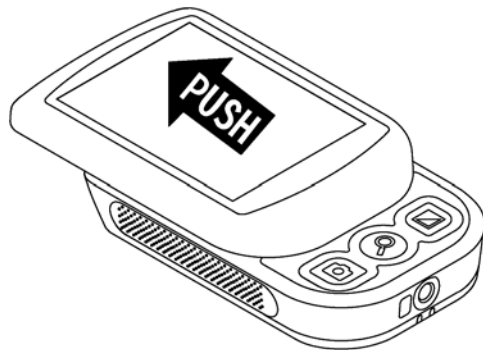
!Please note!

If miniMAX is not used for a longer period of time, remove the battery in order to avoid that the battery may leak or discharge itself.

3.2 Switch on/off

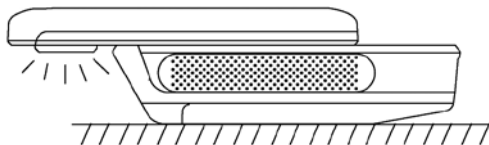
miniMAX switches on as soon as the display is pushed sideways and the buttons are being revealed.

When pushing and sliding miniMAX back together the electronic magnifier will turn off automatically.



!Please note!

Never look directly into the LED light when its lit up.
Your eyes can be damaged by the bright light.



4. Control elements

When sliding the display sideways three control buttons will appear.



4.1 Changing color mode

By pushing the top button you may change the color selection options on the TFT-screen:

- Full color
- Positive mode: black on white
- Negative mode: white on black, green on black, yellow on black, yellow on blue



4.2 Yellow magnification button

By pressing the middle button you can switch the magnification between x3, x5 and x7 (with writing stand: approx. x2, x3 and x4).



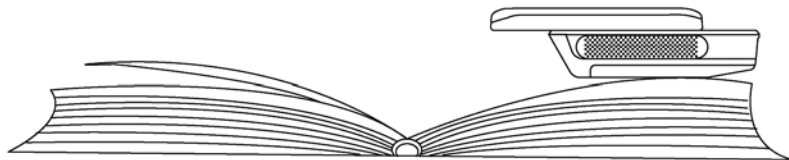
4.3 Freeze frame

By pressing the lower button, the original image will be pictured as a fixed image on the TFT-screen. Now you can easily view details which lie within your reach and outside your range of vision. When pressing the button again the current template will be redisplayed.

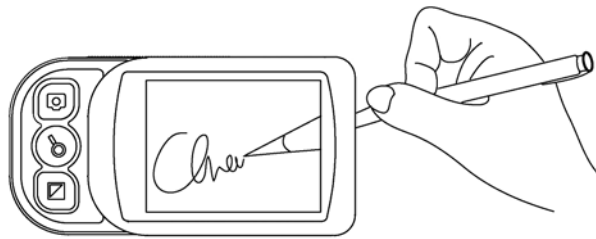
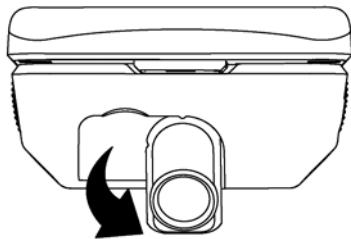
5. Application

5.1 Reading

Place miniMAX onto your reading material. Now you can view your text or your pictures on the TFT-screen.



5.2 Writing with folding stand



Fold down the folding stand so that miniMAX is raised on one side and place the electronic magnifier on your writing material. Now you can conveniently write short notes or messages.

6. Standby function

When miniMAX is not being used for the last 5 minutes when its switched on, miniMAX switches itself into standby mode (power save mode).

When the device is moved or when pressing a button, all functions are being activated again.

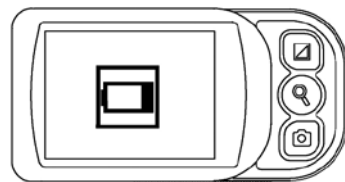
7. Automatic switch-off

When miniMAX remains longer than 5 minutes in standby mode, electronics switches off all functions off miniMAX. To switch on miniMAX again the display has to be pushed sideways and backwards.

8. Low battery indicator

Approximately 30 minutes before the battery power of the miniMAX is running out, the battery icon is flashing in an interval of 5 minutes.

If the battery icon quickly flashes 3 times, the battery is nearly empty and miniMAX will shut down automatically. Please charge miniMAX as follows.

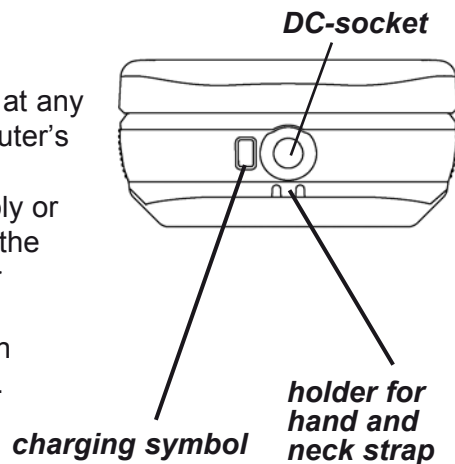


9. Recharging the battery

You can charge miniMAX with the included power supply at any available power outlet or over a USB cable on your computer's USB port.

Switch off miniMAX, insert the DC plug of the power supply or USB-cable on the DC-socket from miniMAX and connect the power supply to the public power outlet (100-240 VAC) or connect the USB cable on your computer's USB port.

The charging symbol flashes next to the DC socket. When miniMAX is fully charged the charging symbol goes away.



10. Power supply

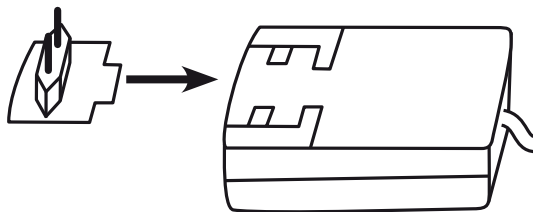
Included in the delivery are a 100-240 VAC power supply and 4 primary adapters. They will enable you to connect the power supply world-wide.

11. Included adapter

1 adapter for Europe (EU), 1 adapter for England (UK), 1 adapter for USA, South America, Japan etc. (US/J), 1 adapter for Australia (AUS)

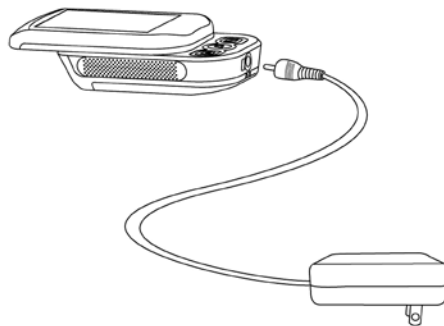
12. Connecting the primary adapter to the power supply

If you want to connect the power supply with a primary adapter, please make sure that the adapter is not connected to an electrical outlet. Choose the primary adapter necessary for your region and connect it to the power supply. Push both parts together until they lock in place.

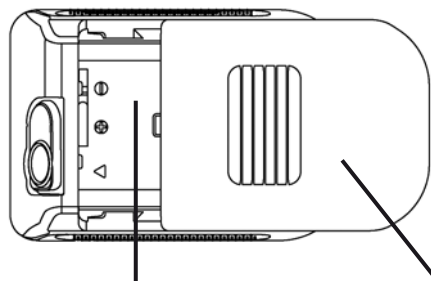


13. Power supply operation

After connecting the country-specific primary adapter, plug the power supply into an electrical outlet (100-240 VAC) and connect the DC plug of the power supply with the DC socket of miniMAX. Push the display of miniMAX sideways.



14. Changing battery



battery

battery cover

Push and slide miniMAX back together and disconnect the DC plug of the power supply from the DC socket. Open the battery cover on the back of the device and remove the battery. Now insert a second battery with the marked side upwards. Make sure that the + and – contacts are correctly connected and close the cover of the miniMAX.

15. Notes for changing the battery

You may only use the battery specified for miniMAX. A replacement can only be purchased from Reinecker Reha-Technik GmbH or from one of its contractual partners.

16. Non-liability in case of using wrong battery

!Please note!

You may only use the rechargeable battery specified for miniMAX. The usage of batteries other than the one provided by Reinecker Reha-Technik GmbH or one of its partners is specifically prohibited, as this may cause severe damage to the device.

miniMAX warranty is voided if any other battery is used.

Reinecker Reha-Technik GmbH is not liable for damage caused by wrong or faulty batteries as well as inappropriate operation when using the battery, be it damage to property or persons.

17. Disposal of the battery

Batteries must be disposed of according to the laws of the specific countries. They must not be burned. Do not allow animals or children to play with the battery.

18. Protective circuit of the battery

Despite the protective circuit applied at the rechargeable battery, it is prohibited to short-circuit the contacts of the battery with a metallic item. This may cause the battery to explode, creating potential danger for anyone nearby.

19. Protective bag

Please always use the protective bag for storing miniMAX. The display and the case will thus be protected from damage.

20. Hand/ Neck strap

In the cardboard box a hand strap is included. It may be attached to carry miniMAX on your wrist or neck.

To attach the strap to miniMAX, open the battery cover and hook the thin string into the holder (see figure on page 28). Close the battery cover to ensure a firm position of the strap.

21. Notes for handling

!Please note!

- The pictures used in this manual only serve illustrative purposes and may not be in accordance with the actual positions.
- Content changes of this manual are subject to change without prior notice.
- Do not expose miniMAX to extreme direct sunlight, for example any place near the window.
- The lens should never be exposed to direct sunlight for a longer period of time or any other radiation of light. The light-sensitive electronics could be damaged.
- Protect miniMAX from excessive heat, for instance, do not store it close to windows or heaters and do not place other objects on top of it.
- Only use miniMAX in temperature range from -5°C to 50°C.
- Quick temperature fluctuations could lead to fogging of the lens.
- Avoid touching the lens.
- Never look directly into the LED light when its lit up. Your eyes can be damaged by the bright light.
- Keep all liquids away from miniMAX and use it only in dry surroundings.
- Never open the case, as this may only be done by an authorized and trained retailer.
- Operate miniMAX only with the indicated supply voltage.
- Protect miniMAX from mechanical damage which may be caused by stroke, blow or fall.
- Do not expose miniMAX to magnetic fields.

- Do not alter miniMAX in any way.
- Send miniMAX only in its original packaging.
- Never use miniMAX with wet hands.
- Use the fabric bag for carrying in bags or other cases.
- Never remove the battery when miniMAX is switched on. This can result in damage of the electronics.
- Do not turn on miniMAX when it's connected to the USB port of a computer or take out the battery first.

22. Cleaning of the device

For cleaning the display use the included microfibre tissue or another dry soft tissue. Do not use any liquids for cleaning. Never clean the display or the case with thinner, gasoline, alcohol, or other chemical means. The case parts may be damaged.

23. CE- and FCC- notes for electro-magnetic compatibility (EMV)

miniMAX is suited for use in all facilities, including all homes and offices connected to the public power supply.

miniMAX is destined for operation in the indicated electro-magnetic surrounding.

The operator should make sure to use it in a surrounding as described in this manual.

miniMAX uses HF energy exclusively for its own function. Therefore transient emissions of high-frequency transients are limited. It is unlikely to disturb other devices in operation nearby.

miniMAX has been verified according to the European regulations of each country as well as to the FCC regulation.

It is guaranteed that the limits determined in the regulations will not be exceeded.

However, one should consider that common operation of miniMAX and other devices may lead to interferences between miniMAX and other devices.

For this reason one should not locate the device within proximity of another device. Keep a distance of 1 meter (3 feet).

24. Technical data

- Magnification: approx. x3, x5 and x7
with writing stand: approx. x2, x3 and x4
- Display:
Full color,
Semi-color: Positive-mode: black on white
Negative-mode: white on black, green on black,
yellow on black, yellow on blue
- Weight: approx. 142 g
- Measurements of the case, closed/ open: 90/115 x 60 x 30 mm
- Diameter TFT: 2.8"/7.1 cm
- Electronic power supply:
100-240 VAC 50-60 Hz secondary 5 VDC 2.0 A
(in combination with a power supply Type UE15WCP1-050200SPA)
- 3.5 mm DC-in-socket
- Power consumption: approx. 2 Watt
- Li-Ion-battery: Type NP120, 3.7 VDC, 1800 mAh
Operating time approx. 3 hours, charging time approx. 5 hours

25. Warranty Information

(Valid within the European Union)

- 1) Reinecker Reha-Technik GmbH grants a warranty of 24 months against defects in manufacture counted from date of invoice ex Reinecker Reha-Technik GmbH.
- 2) All parts that have been replaced when repairing the unit will automatically become property of Reinecker Reha-Technik GmbH.
- 3) Damage caused by improper use or by non-compliance with the operating instructions will result in the invalidation of the warranty.
- 4) Interventions from persons other than Reinecker Reha-Technik GmbH authorised specialists may lead to invalidity of warranty.
- 5) Not included in the warranty is the battery and other parts subject to wear and tear.
- 6) If a warranty claim is necessary, the system has to be returned to the manufacturer in Alsbach-Hähnlein or to your authorised dealer. The manufacturer does not carry the cost for transport, packaging and insurance.

26. International Warranty Information

Outside of Germany the legal requirements apply.

Service number: +49 62 57-93 11-0

Zentrale Deutschland und Export

Entwicklung, Produktion, Vertrieb, Kundenberatung und Kundendienste

Reinecker Reha-Technik GmbH

Sandwiesenstraße 19 • 64665 Alsbach-Hähnlein

Tel.: 0 18 05-54 56 65* • Fax: 0 62 57-25 61

Email: info@reineckerreha.de • www.reineckerreha.de

*Festnetzpreis 14 ct/min, Mobilfunkpreis max. 42 ct/min.

International Contact

Head office and German engineering

Reinecker Reha-Technik GmbH

Sandwiesenstraße 19 • DE-64665 Alsbach-Hähnlein

Tel.: +49 62 57-93 11-0 • Fax: +49 62 57-25 61

Email: info@reineckerreha.com • www.reineckerreha.com

Version 1.0, Stand 07/10, Art.-Nr.: 000 10 255

Änderungen und Druckfehler vorbehalten. Subject to alterations.

Bitte wenden Sie
sich bei Fragen oder
einem Servicefall
direkt an unsere
Zentrale oder Ihren
autorisierten
Fachhändler.

In case service
is necessary,
please contact your
authorized distributor.